Compute Fluently with Adding and Subtracting Decimals and Fractions

Luis won a pie eating contest in 27.032 seconds. If the Jean was 6.09 seconds slower, what was her finishing time?

1. 20.942
2. 33.122
3. 26.423
4. 27.641

In a class of the student s have red hair and have brown hair. What fraction of students has neither red nor brown hair?

Lisa volunteered at an animal shelter far 3 hours. Greg volunteered for of an hour. How much longer did Lisa work than Greg?

1. 2 hours
2. 2 hours
3. 2 hours
4. 3 hours

Janae and her friends ordered 2 large pizzas. Jeff ate, Lindsey ate , and June ate of it. How much pizza is left?

1. 1

A recipe calls for cup of brown sugar, cup of white sugar, and 1 cup of flour. If you combine all three ingredients in a 4-cup container, how many cups will be left?

1. 1
2. 1
3. 2
4. 2

Develop fluency with counting strategies to determine the sample space for an event. Include lists, tree diagrams, permutations, combinations, and the Fundamental Counting Principle

If a store has three kinds of sweaters in all eight colors and all three arm lengths, how many different sweaters can you buy?

1. 24
2. 48
3. 72
4. 96

A coin is tossed twice. What is the probability of landing on heads both times?

1. 2

There are 4 boxes of marbles listed below. From which box will a child have the greatest probability of randomly picking a red marble?

1. b. c. d.

5 Red 7 Red 2 Red 14 Red

4 Green 8 Green 1 Green 15 Green

Read, write, compare, order, and represent a variety of forms (decimals, and fractions).

A class of 24 students is registering for middle school. The students may select only one elective. Ten students chose band, 8 chose explorations, 7 chose chorus. Which of the following statements are true?

1. More than of the students chose chorus.
2. About half the students will be in explorations.
3. More than half of the students are in the band.
4. Band and chorus compose more than of the class.

Which of the following inequality is true?

1. > 0.4
2. <
3. < 0.7
4. >

Which number sequence is in order from least to greatest?

1. 0.4, , .25,
2. 0.4, , , .25
3. , .25, 0.4,
4. , 0.4,

Brandon’s mother poured him an 8 oz glass of juice. He drank of it. Approximately which amount did he drink?

1. 6 oz
2. 5 oz
3. 4 oz
4. 3 oz

A bag of skittles contains 12 pieces. Two are red, 6 are green, 1 is yellow and 3 are purple. Which of the following statement is true about the green and yellow skittles?

1. Between 0-25% of the bag are green and yellow
2. Between 25-50% are green and yellow
3. Between 50-75% are green and yellow
4. Between 75-100% are green and yellow